

# Converting Colors

Hex(7E829B)

Have a look what the booklet for  
Hex(7E829B) contains.

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# Color

Hex(7E829B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E829B
RGB	126, 130, 155
RGB Percent	49%, 51%, 61%
CMY	0.5059, 0.4902, 0.3922
CMYK	0.19, 0.16, 0.00, 0.39
HSL	232°, 13%, 55%
HSV	232°, 19%, 61%
XYZ	22.5032, 22.7674, 34.2189
YIQ	131.6540, -10.4090, 6.9270

# Conversions

## Conversions Part 2

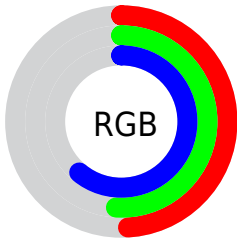
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 130, 155
Decimal	8290971
CIE <sub>Lab</sub>	54.83, 4.01, -13.85
CIE <sub>LCh</sub>	55, 14.421, 286.136
Yxy	22.7674, 0.2831, 0.2864
Android (android.graphics.Color)	4286481051 (0xFF7E829B)
YUV	131.6540, 11.5096, -4.9586
Hunter-Lab	47.7152, 0.6816, -9.1190

# Details

The Hex color **7E829B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9B977E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B3B7D1**, and **4D5168** is the 20% darker color. If you saturate the color by 10%, you get **6F759B**, and if you desaturate by 10%, it is **8E8F9B**.

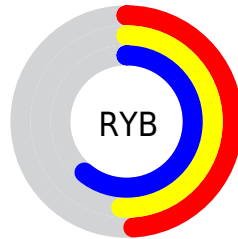
# Distribution



Red (49%)

Green (51%)

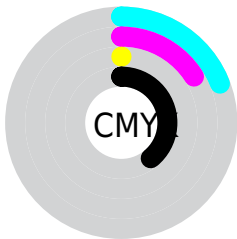
Blue (61%)



Red (49%)

Yellow (51%)

Blue (61%)

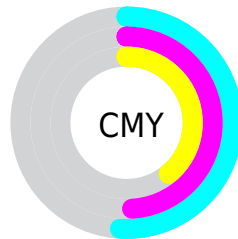


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (49%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E829B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7E829B by changing the saturation by 10% instead.



■ 7E829B

■ 7E829B

FFFFFF

■ 656981

■ B3B7D1

■ 4D5168

■ CFD2EE

■ 353A50

■ EBEFFF

■ 1F2439

■ 0A0F23

■ 00000C

■ 000000

■ 7E829B

■ 7E829B

■ 6F759B

■ 8E8F9B

■ 5F679B

■ 9D9D9B

■ 505A9B

■ ADAA9B

■ 404D9B

■ BCB79B

■ 313F9B

■ CBC59B

■ 21329B

■ DBD29B

■ 12249B

■ EBE09B

■ 02179B

■ FAED9B

■ 00159B

■ FFFA9B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E869B



7E829B



8E7E95

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7E829B



9B7D72



6B8A7D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7E829B



9B977E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



788872



7E829B



92806B

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7E829B



9D7B7D



86856B



638A8A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7E829B



967C8E



86856B



6F8A79

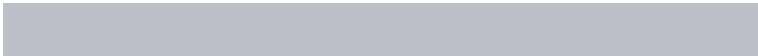


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7E829B



BDBFC9



7E9B97



5F6066



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7E829B



9DA3C9



887E9B



45464D



00138C



00020D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9B7E82



C99DA3



919B7E



4D4546



8C0013

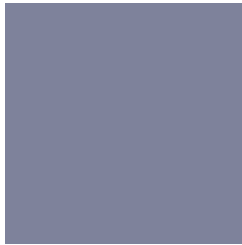


0D0002



# Previews

## White Background



This preview shows how the Hex color 7E829B looks on a white background.

## Color Contrast Check

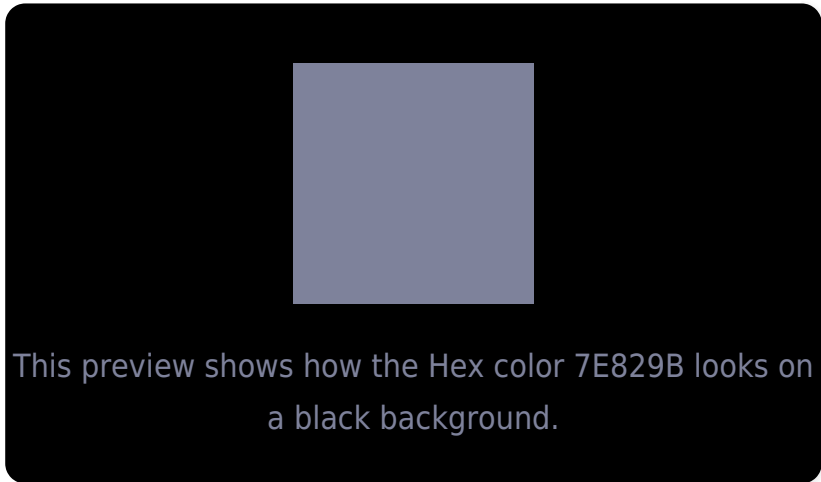
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

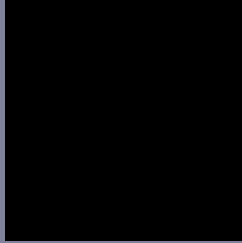
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

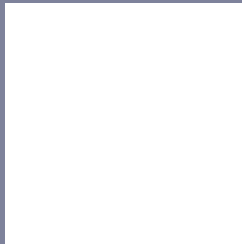
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E829B Background



This preview shows how black text looks on a background with the Hex color 7E829B.



This preview shows how white text looks on a background with the Hex color 7E829B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

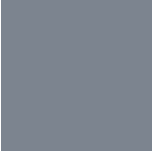
7E829B

**Protanopia**

7E829B

**Deuteranopia**

84809B



**Tritanopia**  
7C848F

# Trichromacy



**Original Color**  
7E829B

**Protanomaly**  
7E829B

**Deuteranomaly**  
82819B

**Tritanomaly**  
7D8393

# Monochromacy



**Original Color**  
7E829B

**Achromatopsia**  
848484

**Achromatomaly**  
82838C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E829B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7E829B looks like.

```
.text, #text, p{  
    color:#7E829B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7E829B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E829B
}
```

## Border

The CSS property to change the border of an element to Hex 7E829B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E829B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7E829B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7E829B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E829B; -webkit-box-shadow:4px 4px  
4px 4px #7E829B; box-shadow:4px 4px 4px  
4px #7E829B }
```

# Background

The CSS property to change the background color of an element to Hex 7E829B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E829B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7E829B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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